

IN THE CLAIMS:

Please amend Claims 1, 18 and 29 as follows.

1. (Currently Amended) A user interface apparatus comprising:

a first sensor attached to a ~~first portion of a body~~ head of a user, ~~wherein the first portion is a head and~~ wherein said first sensor detects a position and an orientation of the head;

a second sensor attached to a second portion of the user, which is different from the ~~first portion~~ head;

an estimating unit arranged to estimate a relative position of the second portion with respect to the position and orientation of the head ~~first portion~~ in accordance with results of detection by said first and second sensors, wherein said estimating unit determines the relative position by transforming coordinates between a head coordinate system that is based on the position and orientation of the head detected by said first sensor and another coordinate system that is based on information detected by said second sensor;

a generation unit arranged to generate ~~action~~ command information on the basis of a transition of the estimated relative position; and

~~a determination unit arranged to determine an instruction by the user corresponding to the generated action information; and~~

an image generating unit arranged to generate an image on the basis of said ~~user instruction~~ command information.

2. (Cancelled)

Do Not ENTER 8-8-2005 RM